

## Titanium PETA POWER PLUS 10kva online 3-1

## **Features**

·N+X parallel redundancy, support maximum 4 units in parallel

Online double conversion with DSP control

Optimization battery group, the quantity of battery: 16/18/20pcs (32~40pcs supportable)

·Wide input voltage range: 208~478Vac

·Wide input frequency range: 40Hz~70Hz

Input current harmonic: 3%

·Maximum charging current up to 18A (Settable) ·Support 3/1 and 1/1 operation

·Generator compatible

·ECO mode operation for energy saving ·Design with maintenance switch ·Cold start

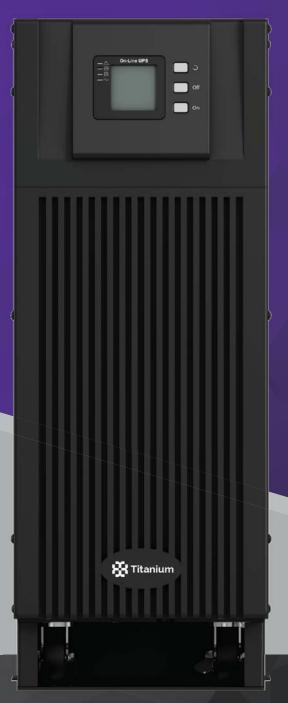
·Intelligent fan speed regulation

·Self-testing when UPS startup

·50/60Hz frequency converter mode

·Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fault alarm Multiple communication interface: RS232/RS485/USB/EPO /Dry contact port (Relay card/SNMP card/Parallel cable/Battery







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## Technical specification

MODEL   Tilanism PETA POWER 10 KVA ONLINE 5/1		
Nominal voltage   380/400/415Vac (3PH+N-PE) 220/230/240Vac (L+N-PE)   200/30/240Vac (L+N-PE)   200/30/240Vac (L+N-PE)   200/30/240Vac (L+N-PE)   200/30/240Vac (L+N-PE)   200/30/240Vac (L+N-PE)   200/30/240Vac (L+N-PE)   200/30/30/30/30/30/30/30/30/30/30/30/30/3	MODEL	Titanium PETA POWER 10 KVA ONLINE 3/1
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Operating voltage range		
Operating voltage range	Nominal voltage	380/400/415Vac (3PH+N+PE) 220/230/240Vac (L+N+PE)
Proguery range		, , , , , , , , , , , , , , , , , , ,
Supass voltage range   Supass voltage   Supass voltage range   Supass voltage		40-70Hz (50/60Hz Auto-Sensing)
20V-+20%   240V-+15%   Min.voltager45%"   Min.		
Output voltage   220/230/240Vac (L+N+PE)	Bypass voltage range	230V:+20% 240V:+15%
Power factor	OUTPUT	
Power factor	Output voltage	220/230/240Vac (L+N+PE)
Voltage regulation   21%   "11%/12%/14%/15%/10% of the rated frequency frequency"   Bat. Mode : ;50%60±0.1%)Hz"   Crest factor   3.1	· š	
"1"   "1"		±1%
Crest factor         3.1           Harmonic distortion (THD)         "=2% Linear load" s5% Non linear load" s6% Non linear load s7% Non linear load s7% Non linear load" s6% Non linear load s7% Non linear load s7% Non linear load" s6% Non linear load s7% Non lin	"Output	"±1%/±2%/±4%/±5%/±10% of the rated frequency
Harmonic distortion (THDv)  *25% Non linear load 55% Non linear load 55% Non linear load  Transfer time Output waveform Overload  **26 Loads-110%: last 60min turn to bypass; ≤125%: last 10min turn to bypass; ≤150%: last 1min turn to bypass; ≥150% turn to bypass mode immediately Bat.Mode : Load≤110%: last 10min; ≤125%: last 1min; ≤150%: last 55; ≥150%: shut down UPS immediately Bypass Mode : Breaker 2X32A"  EFFICENCY  #ATTERIES  Battery number   120Vdc (20pcs 9Ah)     Inbulit battery   12V/9Ah ×20  Charging current (Max) Recharge time   6-8 hours (to 90% of full capacity)     Input voltage.Input frequency,Output voltage.Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time  ALARM  Battery mode  Low Battery   Beeping every 4 seconds   Low Battery   Beeping twice every second   Beeping twice every secon		, , ,
S5% Non linear load"   Output waveform   Output waveform   Pure Sinewave		
Output waveform         Pure Sinewave           Overload         "AC Mode : Load=110%: last 60min turn to bypass; ≤125%: last 10min turn to bypass; ≤150%; turn to bypass; ≤150%; turn to bypass mode immediately Bat.Mode : Load≤110%: last 10min; ≤125%: last 1min; ≤150%; last 5s; ≥150%; shut down UPS immediately Bypass Mode : Breaker 2X32A"           EFFICENCY         94%           BATTERIES         5           Battery number         ±120Vdc (20pcs 9Ah)           Inbuilt battery         125A           Recharge time         6. Bours (to 90% of full capacity)           INDICATORS         1           LCD display         Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature & Remaining battery backup time           ALARM         Battery mode         Beeping every 4 seconds           Overload         Beeping every second           Overload         Beeping every second           Fault         Continously beeping           ENVIRONMENT         Operating temperature         20 - 40           Storage temperature         2-5 - 55           Humidity range         2-95°RH ⊕ 0-40 (Non condensing)           Alitude         <1500m,derating required when>1500m           Noise level         <5868 at 1 Meter           STANDARDS         EC/EN62040-1,IEC/EN62477-1           EMC	Harmonic distortion (THDV)	
"AC Mode : Load=110%: last 60min turn to bypass; ≤125%: last 10min turn to bypass; ≤150% turn to bypass mode immediately Bat.Mode : Load=110%: last 10min; ≤125%: last 1min; ≤150%: last 55; ≥150%; shut down UPS immediately Bypass Mode : Breaker 2X32A"		
turn to bypass mode immediately Bat.Mode : Load < 110%: last 10min; < 125%: last 1min; < 150%: shut down UPS immediately Bypass Mode : Breaker 2X32A*  EFFICENCY  EFFICENCY  94%  BATTERIES  Battery number	Output waveform	Pure Sinewave
EFFICENCY 94%  BATTERIES  Battery number ±120Vdc (20pcs 9Ah) Inbuilt battery 12V/9Ah x20  Charging current (Max) 1.35A  Recharge time 6-8 hours (to 90% of full capacity) INDICATORS  LCD display Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time  ALARM Bettery mode Beeping every 4 seconds Low Battery Beeping every 4 seconds Low Battery Beeping every second Overload Beeping twice every second Fault Continously beeping ENVIROMMENT Operating temperature 0 -40 Storage temperature 2-5 -55 Humidity range 20-95%RH @ 0-40 (Non condensing) Altitude 1500m,derating required when>1500m Noise level 58dB at 1 Meter  STANDARDS Safety [EC/EN62040-1,IEC/EN62477-1] EMC [EC/EN62040-1,IEC/EN62477-1] EMC [EC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-5,IEC61000-4-6,IEC61000-4-6] Berning Standard Sta	Overload	turn to bypass mode immediately Bat.Mode : Load≤110%: last 10min; ≤125%: last 1min; ≤150%: last 5s; ≥150%: shut down UPS immediately
BATTERIES  Battery number	EFFICENCY	
Battery number 120Vdc (20pcs 9Ah) Inbuilt battery 12V/9Ah x20  Charging current (Max) 1.35A  Recharge time 6-8 hours (to 90% of full capacity) INDICATORS  LCD display Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time  ALARM Eathery mode Beeping every 4 seconds  Low Battery Beeping every 4 seconds  Low Battery Beeping every second  Overload Beeping twice every second  Overload Beeping twice every second  Fault Continously beeping  ENVIRONMENT Operating temperature 0 -40  Storage temperature -25 -55  Humidity range 20-95%RH © 0-40 (Non condensing)  Altitude <1500m,derating required when>1500m  Noise level <58dB at 1 Meter  STANDARDS  Safety IEC/EN62040-1,IEC/EN62477-1  EMC IEC/EN62040-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8  PHYSICAL  Dimension W x D×H (mm) 250×900×868 (With wheel)	EFFICENCY	94%
Inbuilt battery 12V/9Ah x20  Charging current (Max) 1.35A  Recharge time 6-8 hours (to 90% of full capacity)  IMDICATORS  LCD display Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time  ALARM Beattery mode Beeping every 4 seconds Low Battery Beeping every second Overload Beeping twice every second Fault Continously beeping  ENVIRONMENT Operating temperature 0 -40  Storage temperature -25 -55  Humidity range 20-95%RH @ 0-40 (Non condensing)  Altitude \ 1500m,derating required when>1500m  Noise level \ 58dB at 1 Meter  STANDARDS  Safety   IEC/EN62040-1,IEC/EN62477-1  EMC   IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8  PHYSICAL   Dimension W x D×H (mm)   250×900×868 (With wheel)		
Inbuilt battery 12V/9Ah x20  Charging current (Max) 1.35A  Recharge time 6-8 hours (to 90% of full capacity)  IMDICATORS  LCD display Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time  ALARM Beattery mode Beeping every 4 seconds Low Battery Beeping every second Overload Beeping twice every second Fault Continously beeping  ENVIRONMENT Operating temperature 0 -40  Storage temperature -25 -55  Humidity range 20-95%RH @ 0-40 (Non condensing)  Altitude \ 1500m,derating required when>1500m  Noise level \ 58dB at 1 Meter  STANDARDS  Safety   IEC/EN62040-1,IEC/EN62477-1  EMC   IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8  PHYSICAL   Dimension W x D×H (mm)   250×900×868 (With wheel)	Battery number	±120Vdc (20pcs 9Ah)
Charging current (Max)       1.35A         Recharge time       6-8 hours (to 90% of full capacity)         INDICATORS       Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time         ALARM       Bettery mode       Beeping every 4 seconds         Low Battery       Beeping every second         Overload       Beeping twice every second         Fault       Continously beeping         ENVIRONMENT       Operating temperature         Operating temperature       0 ~40         Storage temperature       -25 ~55         Humidity range       20~95%RH @ 0~40 (Non condensing)         Altitude       <1500m,derating required when>1500m         Noise level       <58dB at 1 Meter	<del></del>	· · · · ·
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Overload Beeping twice every second  Fault Continously beeping  ENVIRONMENT Operating temperature 0 ~40 Storage temperature -25 ~55 Humidity range 20-95%RH @ 0-40 (Non condensing) Altitude <1500m, derating required when>1500m Noise level <58dB at 1 Meter  STANDARDS Safety IEC/EN62040-1,IEC/EN62477-1  EMC IEC/EN62040-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-6,IEC61000-4-8  PHYSICAL Dimension W x D×H (mm) 250×900×868 (With wheel)	Battery mode	Beeping every 4 seconds
Fault         Continously beeping           ENVIRONMENT         0 -40           Storage temperature         -25 -55           Humidity range         20-95%RH @ 0-40 (Non condensing)           Altitude         <1500m,derating required when>1500m           Noise level         <58dB at 1 Meter		
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Operating temperature         0 -40           Storage temperature         -25 -55           Humidity range         20-95%RH ⊚ 0-40 (Non condensing)           Altitude         <1500m,derating required when>1500m           Noise level         <58dB at 1 Meter		Continously beeping
Storage temperature         -25 -55           Humidity range         20-95%RH @ 0-40 (Non condensing)           Altitude         <1500m,derating required when>1500m           Noise level         <58dB at 1 Meter	ENVIRONMENT	
Humidity range       20-95%RH ⊚ 0-40 (Non condensing)         Altitude       <1500m,derating required when>1500m         Noise level       <58dB at 1 Meter	· • ·	
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Noise level         <58dB at 1 Meter	<u> </u>	, or
STANDARDS         STANDARDS           Safety         IEC/EN62040-1,IEC/EN62477-1           EMC         IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8           PHYSICAL         Dimension W x D×H (mm)         250×900×868 (With wheel)		
Safety         IEC/EN62040-1,IEC/EN62477-1           EMC         IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8           PHYSICAL         Dimension W x D×H (mm)         250×900×868 (With wheel)		<58dB at 1 Meter
EMC IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8  PHYSICAL  Dimension W x D×H (mm) 250×900×868 (With wheel)		
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Dimension W x D×H (mm) 250×900×868 (With wheel)		ELZ-ENOZU4U-Z, ELD  UUU-4-Z, ELD  UUU-4-3, ELD  UUU-4-4, ELD  UUU-4-5, ELD  UUU-4-5, ELD  UUU-4-8
		150×000×969 (Mith wheel)
	Net weight (kg)	83 (With wheel)

<sup>&</sup>quot;Specifications are subject to change without prior notice."